

MINOR CHANGE APPLICATION
RADIO TRAINING NETWORK, INC.
WHIJ RADIO STATION
CH 201A - 88.1 MHZ - 1.25 KW
OCALA, FLORIDA
January 2010

EXHIBIT A

Non-Commercial Allocation Analysis & Section 73.509 Study

Because of its operating channel, the proposed WHIJ facility at Ocala, Florida could potentially impact other authorized or proposed non-commercial stations operating on co- or adjacent FM channels. The detailed list of stations reviewed as potentially impacted by Channel 201A at Ocala, Florida is shown on Exhibit A1. The three closest (nearby) stations/facilities reviewed in detail are an outstanding permit for WPOZ, Channel 202C0, Union Park, Florida; an application for a new FM station on Channel 201A at High Springs, Florida ("High Springs") and an application for a new FM station on Channel 201C1 at South Brooksville, Florida ("South Brooksville").¹ The provisions of §73.509 of the rules will be met by specifying less than maximum Class A facilities.

Section 73.509 Analysis

Exhibit A2 specifically demonstrate that there will be no prohibited overlap between the proposed WHIJ and WPOZ, High Springs or South Brooksville.² Attached as Exhibits A3 through A8 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of the proposed WHIJ and High Springs or South Brooksville. Further, attached as Exhibit

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- 1) The remaining stations listed on Exhibit A1 were reviewed.
 - 2) The facilities for South Brooksville are less than maximum Class A.

A9 are the tabulated and protected contours of the proposed WHIJ, in ten degree increments. Again, there is no prohibited overlap between the facilities.

Stations Removed by 53 and 54 Channels (I.F. Relationship)

The nearest station operating on a frequency either 53 or 54 channels removed from this instant proposal is the licensed transmitter site of WMMO, Channel 255C2, Orlando, Florida. The WMMO site is located on a bearing of 138.9° at a distance of 97.6 kilometers from the proposed WHIJ site. Pursuant to §73.207 of the rules, the WHIJ facility must be a minimum of 15.0 kilometers from the WMMO site. The WHIJ site is located more than 80.0 kilometers farther than the required distance. Therefore, this proposal does not impact any intermediate frequency stations.

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EXHIBIT A1

Interference Review for WHIJ Ocala, Florida
Using Actual Location as Reference

REFERENCE CH# 201A - 88.1 MHZ, Pwr= 1.25 kW, HAAT= 120.0 M, COR= 140.2 M DISPLAY DATES
29 14 16.0 N. Average Protected F(50-50)= 21.5 km DATA 01-26-10
82 07 16.0 W. Omni-directional SEARCH 01-26-10

CH CITY	CALL	TYPE ANT STATE	AZI. --	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
201A WHIJ Ocala		LIC VN FL	318.5 138.5	0.0 BLED-19900411KA	29 14 17.0 82 07 17.0	1.250 120	67.0 142	21.6 Radio Training Network, Inc.	-87.6*	-86.6*
201A 1308224 High Springs		APP DCX FL	321.1 140.9	74.3 BNPED-20071019AU	29 45 27.5 82 36 18.9	4.300 20	26.7 45	8.0 Westside Baptist Church	26.8	1.0
202C0 WPOZ Union Park		CP DCX FL	125.4 305.9	127.8 BMPED-20081029AC	28 34 07.0 81 03 16.0	100.000 400	104.3 409	71.0 Central Florida Educational	1.6	24.3
201C1 1339171 South Brooksville		APP DEX FL	194.4 14.3	80.8 BNPED-20071022ATR	28 31 54.0 82 19 37.0	0.760 65	43.5 95	12.5 Reach Communications, Inc.	16.6	3.4
201A 1227491 High Springs		APP DCX FL	326.1 145.9	78.1 BNPED-20071019AQ	29 49 16.0 82 34 24.0	0.045 100	19.6 125	5.9 Neighborhoods United For A	37.6	6.7
202C3 WTLG Starke		LIC CN FL	1.5 181.5	74.5 BLED-19890302KA	29 54 34.0 82 06 02.0	7.000 87	42.7 132	27.5 American Family Association	10.6	15.7
201A 1213749 Brooksville		APP DCX FL	203.1 22.9	83.8 BNPED-20071022BLN	28 32 33.0 82 27 29.0	0.400 59	16.1 80	5.0 Westminster Academy	46.3	12.3
201A 1221042 High Point		APP DCX FL	203.1 22.9	83.8 BNPED-20071012APN	28 32 33.0 82 27 29.0	0.400 50	14.7 73	4.7 Christian Radio Media, Inc.	47.6	12.6
202C1 WPOZ Union Park		LIC C FL	125.0 305.5	122.5 BLED-20081106AJU	28 36 07.0 81 05 37.0	13.000 406	87.1 416	59.0 Central Florida Educational	13.5	31.1
201A 1215607 Weeki Wachee		APP DVX FL	202.8 22.6	83.7 BNPED-20071022APA	28 32 29.0 82 27 15.0	0.300 42	1.2 65	0.1 Community Radio Foundation	61.1	17.1
201C3 WCRJ Jacksonville		LIC DC FL	24.8 205.1	127.1 BLED-19991117ABF	30 16 34.0 81 33 53.0	8.000 151	84.9 156	29.4 The River Educational Media	20.4	30.5
204C3 WMYZ Clermont		CP DVX FL	150.1 330.3	75.3 BPED-20070906AET	28 38 56.0 81 44 09.0	7.200 114	3.1 141	31.9 Central Florida Educational	50.8	41.6
204C3 WMYZ Clermont		LIC DVX FL	149.9 330.1	75.5 BLED-20020311AAU	28 38 56.0 81 43 56.0	5.500 117	1.6 147	20.1 Central Florida Educational	52.5	53.5
06 3E WABW-TV Pelham		CPM HY GA	318.4 137.4	284.1 BMPEDT-20080619AKP84	31 08 05.0 06 16.0	10.500 379	43.6 462	86.6 Georgia Public Telecommun.	265.0R	153.9M
06 3E WABW-TV Pelham		AP HY GA	318.4 137.4	284.1 BDSTA-20090318AAC	31 08 05.0 84 06 16.0	10.500 379	43.6 462	86.6 Georgia Public Telecommun.	265.0R	153.9M
06 3E WABW-TV Pelham		AP DHN GA	318.4 137.4	284.1 BDSTA-20090209ALS	31 08 05.0 84 06 16.0	5.200 169	43.6 253	47.2 Georgia Public Telecommun.	265.0R	193.3M

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt (Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap

Graham Brock, Inc. - Broadcast Technical Consultants

WHIJ

Latitude: 29-14-16 N
Longitude: 082-07-16 W
ERP: 1.25 kW
Channel: 201A
Frequency: 88.1 MHz
AMSL Height: 140.2 m

High Springs

BNPED-20071019AU
Latitude: 29-45-27.50 N
Longitude: 082-36-18.90 W
ERP: 4.30 kW
Channel: 201A
Frequency: 88.1 MHz
AMSL Height: 45.0 m

WPOZ CP

BNPED-20081029ACO
Latitude: 28-34-07 N
Longitude: 081-03-16 W
ERP: 100.00 kW
Channel: 202C0
Frequency: 88.3 MHz
AMSL Height: 408.9 m

South Brooksville

BNPED-20071022ATR
Latitude: 28-31-54 N
Longitude: 082-19-37 W
ERP: 0.76 kW
Channel: 201C1
Frequency: 88.1 MHz
AMSL Height: 95.0 m

WHIJ 40 dBu (50/10)

WHIJ 54 dBu (50/10)

WHIJ 60 dBu (50/50)

HIGH SPRINGS 40 dBu (50/10)

HIGH SPRINGS 60 dBu (50/50)

SOUTH BROOKSVILLE 40 dBu (50/10)

WPOZ CP 54 dBu (50/10)

WPOZ 60 dBu (50/50)

SOUTH BROOKSVILLE 60 dBu (50/50)

EXHIBIT A2
MINOR CHANGE APPLICATION
RADIO TRAINING NETWORK, INC.
WHIJ RADIO STATION
CH 201A - 88.1 MHz - 1.25 KW
OCALA, FLORIDA
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Scale 1:1,350,000

0 20 40 60 km

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WHIJ RADIO STATION
CH 201A - 88.1 MHZ - 1.25 KW
OCALA, FLORIDA
January 2010

EXHIBIT A3

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 29 14 16
W. Lng = 82 07 16

High Springs - BNPED-20071019AUY
Channel = 201A
Max ERP = 4.3 kW
RCAMSL = 45 M
N. Lat = 29 45 28
W. Lng = 82 36 19

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
270.0	001.2500	0113.3	021.0	155.8	000.7748	0024.9	063.2	32.1
271.0	001.2500	0114.2	021.1	155.7	000.7723	0024.9	062.9	32.1
272.0	001.2500	0115.1	021.1	155.6	000.7694	0024.9	062.5	32.2
273.0	001.2500	0116.1	021.2	155.5	000.7664	0024.9	062.1	32.2
274.0	001.2500	0117.0	021.3	155.4	000.7630	0024.9	061.8	32.3
275.0	001.2500	0117.8	021.4	155.3	000.7592	0024.9	061.4	32.3
276.0	001.2500	0118.7	021.4	155.2	000.7551	0024.9	061.0	32.4
277.0	001.2500	0119.1	021.5	155.1	000.7498	0024.9	060.7	32.4
278.0	001.2500	0119.4	021.5	154.9	000.7439	0024.9	060.4	32.4
279.0	001.2500	0119.4	021.5	154.7	000.7371	0024.9	060.1	32.5
280.0	001.2500	0119.0	021.5	154.5	000.7292	0024.8	059.8	32.5
281.0	001.2500	0118.5	021.4	154.2	000.7210	0024.8	059.5	32.5
282.0	001.2500	0117.9	021.4	154.0	000.7126	0024.8	059.2	32.5
283.0	001.2500	0117.6	021.3	153.7	000.7044	0024.8	059.0	32.5
284.0	001.2500	0117.5	021.3	153.5	000.6963	0024.8	058.7	32.5
285.0	001.2500	0117.3	021.3	153.2	000.6881	0024.8	058.4	32.5
286.0	001.2500	0117.4	021.3	153.0	000.6801	0024.8	058.1	32.5
287.0	001.2500	0117.7	021.4	152.8	000.6725	0024.8	057.8	32.5
288.0	001.2500	0118.2	021.4	152.5	000.6650	0024.8	057.5	32.5
289.0	001.2500	0118.7	021.4	152.3	000.6572	0024.8	057.3	32.6
290.0	001.2500	0118.8	021.4	152.0	000.6484	0024.8	057.0	32.6
291.0	001.2500	0118.2	021.4	151.7	000.6385	0024.8	056.8	32.5
292.0	001.2500	0117.5	021.3	151.4	000.6282	0024.8	056.6	32.5
293.0	001.2500	0116.6	021.3	151.0	000.6175	0024.8	056.4	32.5
294.0	001.2500	0115.8	021.2	150.7	000.6069	0024.8	056.2	32.4
295.0	001.2500	0114.8	021.1	150.3	000.5960	0024.6	056.1	32.4
296.0	001.2500	0113.8	021.0	150.0	000.5850	0024.6	056.0	32.3
297.0	001.2500	0112.6	020.9	149.6	000.5765	0024.6	055.8	32.3
298.0	001.2500	0111.6	020.8	149.2	000.5681	0024.4	055.7	32.2
299.0	001.2500	0110.7	020.7	148.9	000.5599	0024.4	055.6	32.2
300.0	001.2500	0110.1	020.7	148.5	000.5518	0024.4	055.5	32.2
301.0	001.2500	0109.6	020.6	148.2	000.5440	0024.1	055.4	32.1
302.0	001.2500	0109.3	020.6	147.8	000.5363	0024.1	055.2	32.1
303.0	001.2500	0109.0	020.6	147.5	000.5286	0023.8	055.1	32.1
304.0	001.2500	0108.7	020.5	147.1	000.5208	0023.8	055.0	32.0
305.0	001.2500	0108.3	020.5	146.8	000.5130	0023.8	054.9	32.0
306.0	001.2500	0108.1	020.5	146.4	000.5054	0023.4	054.8	31.9
307.0	001.2500	0108.2	020.5	146.1	000.4979	0023.4	054.6	31.9

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EXHIBIT A4

High Springs - BNPED-20071019AUY
Channel = 201A
Max ERP = 4.3 kW
RCAMSL = 45 M
N. Lat = 29 45 28
W. Lng = 82 36 19

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 29 14 16
W. Lng = 82 07 16

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
145.0	000.4754	0022.9	008.4	320.5	001.2500	0111.7	066.0	39.8
146.0	000.4965	0023.4	008.5	320.4	001.2500	0111.1	065.9	39.8
147.0	000.5181	0023.8	008.6	320.3	001.2500	0111.1	065.8	39.8
148.0	000.5401	0024.1	008.7	320.1	001.2500	0111.1	065.7	39.8
149.0	000.5626	0024.4	008.8	320.0	001.2500	0111.1	065.7	39.9
150.0	000.5855	0024.6	008.9	319.8	001.2500	0111.1	065.6	39.9
151.0	000.6164	0024.8	009.0	319.7	001.2500	0111.1	065.5	39.9
152.0	000.6480	0024.8	009.1	319.5	001.2500	0111.1	065.4	39.9
153.0	000.6805	0024.8	009.2	319.4	001.2500	0110.4	065.4	39.9
154.0	000.7137	0024.8	009.3	319.2	001.2500	0110.4	065.3	39.9
155.0	000.7477	0024.9	009.4	319.0	001.2500	0110.4	065.2	40.0
156.0	000.7825	0024.9	009.6	318.9	001.2500	0110.4	065.2	40.0
157.0	000.8182	0024.9	009.7	318.7	001.2500	0110.4	065.1	40.0
158.0	000.8546	0024.7	009.8	318.5	001.2500	0110.4	065.1	40.0
159.0	000.8918	0024.6	009.9	318.4	001.2500	0109.8	065.0	40.0
160.0	000.9298	0024.6	010.0	318.2	001.2500	0109.8	065.0	40.0
161.0	000.9784	0024.4	010.1	318.0	001.2500	0109.8	065.0	40.0
162.0	001.0282	0024.3	010.2	317.8	001.2500	0109.8	064.9	40.0
163.0	001.0793	0024.2	010.4	317.6	001.2500	0109.8	064.9	40.0
164.0	001.1316	0024.1	010.5	317.4	001.2500	0109.3	064.9	40.0
165.0	001.1852	0024.1	010.6	317.2	001.2500	0109.3	064.8	40.0
166.0	001.2400	0023.9	010.7	317.1	001.2500	0109.3	064.8	40.0
167.0	001.2960	0023.6	010.8	316.9	001.2500	0109.3	064.8	40.0
168.0	001.3533	0023.2	010.9	316.7	001.2500	0109.3	064.8	40.0
169.0	001.4118	0023.0	011.0	316.5	001.2500	0108.8	064.8	40.0
170.0	001.4716	0023.0	011.2	316.3	001.2500	0108.8	064.8	40.0
171.0	001.5490	0023.0	011.3	316.1	001.2500	0108.8	064.8	40.0
172.0	001.6285	0023.1	011.4	315.8	001.2500	0108.8	064.8	40.0
173.0	001.7099	0023.0	011.6	315.6	001.2500	0108.8	064.9	40.0
174.0	001.7933	0022.9	011.7	315.4	001.2500	0108.2	064.9	39.9
175.0	001.8788	0022.7	011.8	315.2	001.2500	0108.2	064.9	39.9
176.0	001.9662	0022.7	012.0	315.0	001.2500	0108.2	064.9	39.9
177.0	002.0555	0022.7	012.1	314.8	001.2500	0108.2	065.0	39.9
178.0	002.1469	0022.7	012.2	314.6	001.2500	0108.2	065.0	39.9
179.0	002.2403	0022.7	012.3	314.4	001.2500	0107.9	065.1	39.8
180.0	002.3356	0022.7	012.5	314.2	001.2500	0107.9	065.2	39.8
181.0	002.4583	0022.7	012.6	313.9	001.2500	0107.9	065.2	39.8
182.0	002.5840	0022.7	012.8	313.7	001.2500	0107.9	065.3	39.8

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EXHIBIT A5

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 29 14 16
W. Lng = 82 07 16

WPOZ CP - BMPED-20081029ACO
Channel = 202C0
Max ERP = 100 kW
RCAMSL = 409 M
N. Lat = 28 34 07
W. Lng = 81 03 16

Protected
60 dBu

Interfering
54 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
113.0	001.2500	0126.5	022.0	308.4	040.6691	0396.5	106.4	53.1
114.0	001.2500	0126.4	022.0	308.2	040.9524	0396.5	106.3	53.1
115.0	001.2500	0126.4	022.0	308.0	041.2378	0396.5	106.2	53.2
116.0	001.2500	0126.3	022.0	307.8	041.5256	0396.5	106.1	53.2
117.0	001.2500	0126.3	022.0	307.6	041.8165	0396.5	106.1	53.3
118.0	001.2500	0126.0	022.0	307.4	042.1107	0396.2	106.0	53.3
119.0	001.2500	0125.7	022.0	307.2	042.4070	0396.2	106.0	53.4
120.0	001.2500	0125.4	021.9	307.0	042.7045	0396.2	106.0	53.4
121.0	001.2500	0125.2	021.9	306.7	043.0029	0396.2	106.0	53.4
122.0	001.2500	0125.1	021.9	306.5	043.3020	0396.2	105.9	53.5
123.0	001.2500	0124.9	021.9	306.3	043.6024	0396.0	105.9	53.5
124.0	001.2500	0124.8	021.9	306.1	043.9036	0396.0	105.9	53.5
125.0	001.2500	0124.7	021.9	305.9	044.2059	0396.0	105.9	53.6
126.0	001.2500	0124.6	021.9	305.7	044.5090	0396.0	105.9	53.6
127.0	001.2500	0124.5	021.9	305.5	044.8125	0396.0	105.9	53.6
128.0	001.2500	0124.2	021.9	305.3	045.1162	0395.9	106.0	53.6
129.0	001.2500	0123.8	021.8	305.1	045.4193	0395.9	106.0	53.6
130.0	001.2500	0123.3	021.8	304.9	045.7212	0395.9	106.1	53.7
131.0	001.2500	0122.8	021.7	304.7	046.0216	0395.9	106.2	53.7
132.0	001.2500	0122.3	021.7	304.5	046.3213	0396.0	106.3	53.7
133.0	001.2500	0122.0	021.7	304.3	046.6215	0396.0	106.4	53.7
134.0	001.2500	0121.8	021.7	304.1	046.9225	0396.0	106.4	53.7
135.0	001.2500	0121.7	021.7	303.9	047.2229	0396.0	106.5	53.7
136.0	001.2500	0121.4	021.6	303.7	047.5201	0396.0	106.6	53.7
137.0	001.2500	0120.7	021.6	303.5	047.8091	0396.0	106.8	53.7
138.0	001.2500	0119.8	021.5	303.3	048.0923	0396.1	106.9	53.7
139.0	001.2500	0119.1	021.5	303.1	048.3748	0396.1	107.1	53.6
140.0	001.2500	0118.7	021.4	302.9	048.6616	0396.1	107.2	53.6
141.0	001.2500	0118.6	021.4	302.8	048.9513	0396.1	107.3	53.6
142.0	001.2500	0118.7	021.4	302.6	049.2431	0396.1	107.5	53.6
143.0	001.2500	0118.8	021.4	302.4	049.5337	0396.2	107.6	53.6
144.0	001.2500	0118.7	021.4	302.2	049.8201	0396.2	107.7	53.6
145.0	001.2500	0118.6	021.4	302.0	050.1014	0396.2	107.9	53.6
146.0	001.2500	0118.5	021.4	301.8	050.3804	0396.2	108.0	53.6
147.0	001.2500	0118.4	021.4	301.7	050.6595	0396.2	108.2	53.6
148.0	001.2500	0118.4	021.4	301.5	050.9373	0396.2	108.4	53.5
149.0	001.2500	0118.4	021.4	301.3	051.2114	0396.2	108.5	53.5
150.0	001.2500	0118.3	021.4	301.1	051.4811	0396.2	108.7	53.5

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EXHIBIT A6

WPOZ CP - BMPED-20081029ACO
Channel = 202C0
Max ERP = 100 kW
RCAMSL = 409 M
N. Lat = 28 34 07
W. Lng = 81 03 16

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 29 14 16
W. Lng = 82 07 16

Protected
60 dBu

Interfering
54 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
280.0	068.8900	0393.4	075.4	154.1	001.2500	0118.9	067.9	39.6
281.0	068.3929	0393.4	075.3	153.4	001.2500	0118.7	066.9	39.9
282.0	067.8976	0393.4	075.3	152.6	001.2500	0118.7	065.9	40.2
283.0	067.4041	0393.5	075.2	151.8	001.2500	0118.5	065.0	40.5
284.0	066.9124	0393.6	075.1	151.0	001.2500	0118.3	064.0	40.8
285.0	066.4225	0393.7	075.1	150.2	001.2500	0118.3	063.1	41.1
286.0	065.9344	0393.8	075.0	149.3	001.2500	0118.4	062.3	41.4
287.0	065.4481	0394.1	074.9	148.3	001.2500	0118.4	061.4	41.7
288.0	064.9636	0394.5	074.9	147.4	001.2500	0118.4	060.6	42.0
289.0	064.4809	0394.8	074.8	146.4	001.2500	0118.5	059.8	42.2
290.0	064.0000	0395.0	074.8	145.3	001.2500	0118.6	059.1	42.5
291.0	062.8849	0395.1	074.6	144.2	001.2500	0118.7	058.5	42.7
292.0	061.7796	0395.1	074.4	143.0	001.2500	0118.8	058.0	42.9
293.0	060.6841	0395.1	074.2	141.8	001.2500	0118.7	057.5	43.1
294.0	059.5984	0395.3	074.0	140.6	001.2500	0118.6	057.1	43.3
295.0	058.5225	0395.4	073.9	139.3	001.2500	0119.1	056.7	43.5
296.0	057.4564	0395.5	073.7	138.1	001.2500	0119.8	056.3	43.6
297.0	056.4001	0395.7	073.5	136.8	001.2500	0120.7	056.0	43.8
298.0	055.3536	0395.8	073.3	135.5	001.2500	0121.7	055.8	43.9
299.0	054.3169	0396.0	073.1	134.2	001.2500	0121.8	055.6	44.0
300.0	053.2900	0396.2	072.9	132.8	001.2500	0122.0	055.5	44.1
301.0	051.6961	0396.2	072.6	131.5	001.2500	0122.8	055.5	44.1
302.0	050.1264	0396.2	072.3	130.2	001.2500	0123.3	055.7	44.1
303.0	048.5809	0396.1	072.0	128.8	001.2500	0123.8	055.8	44.0
304.0	047.0596	0396.0	071.6	127.5	001.2500	0124.2	056.1	44.0
305.0	045.5625	0395.9	071.3	126.2	001.2500	0124.6	056.4	43.9
306.0	044.0896	0396.0	070.9	125.0	001.2500	0124.7	056.7	43.8
307.0	042.6409	0396.2	070.6	123.7	001.2500	0124.8	057.1	43.6
308.0	041.2164	0396.5	070.3	122.5	001.2500	0124.9	057.5	43.5
309.0	039.8161	0396.6	069.9	121.4	001.2500	0125.2	058.0	43.3
310.0	038.4400	0396.7	069.5	120.2	001.2500	0125.4	058.5	43.1
311.0	036.9664	0396.7	069.1	119.1	001.2500	0125.7	059.1	42.9
312.0	035.5216	0396.8	068.7	118.1	001.2500	0126.0	059.8	42.7
313.0	034.1056	0396.8	068.3	117.1	001.2500	0126.3	060.5	42.4
314.0	032.7184	0396.8	067.9	116.1	001.2500	0126.3	061.3	42.2
315.0	031.3600	0396.8	067.4	115.2	001.2500	0126.4	062.1	41.9
316.0	030.0304	0396.7	067.0	114.4	001.2500	0126.4	062.9	41.6
317.0	028.7296	0396.5	066.5	113.6	001.2500	0126.4	063.8	41.3

MINOR CHANGE APPLICATION
RADIO TRAINING NETWORK, INC.
WHIJ RADIO STATION
CH 201A - 88.1 MHZ - 1.25 KW
OCALA, FLORIDA
January 2010

EXHIBIT A7

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 29 14 16
W. Lng = 82 07 16

S. Brooksville - BNPED-20071022ATR
Channel = 201C1
Max ERP = 0.76 kW
RCAMSL = 95 M
N. Lat = 28 31 54
W. Lng = 82 19 37

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
164.0	001.2500	0114.5	021.1	023.9	000.6597	0072.6	063.5	35.3
165.0	001.2500	0114.1	021.0	023.6	000.6552	0072.6	063.3	35.3
166.0	001.2500	0113.6	021.0	023.3	000.6508	0072.2	063.1	35.3
167.0	001.2500	0113.2	021.0	023.1	000.6463	0072.2	062.9	35.3
168.0	001.2500	0112.7	020.9	022.8	000.6418	0072.2	062.7	35.3
169.0	001.2500	0112.2	020.9	022.5	000.6371	0071.5	062.6	35.3
170.0	001.2500	0112.0	020.9	022.2	000.6327	0071.5	062.4	35.3
171.0	001.2500	0112.1	020.9	021.9	000.6283	0071.5	062.2	35.4
172.0	001.2500	0112.4	020.9	021.6	000.6240	0071.5	062.0	35.4
173.0	001.2500	0112.5	020.9	021.3	000.6196	0070.6	061.8	35.4
174.0	001.2500	0112.4	020.9	021.0	000.6150	0070.6	061.6	35.4
175.0	001.2500	0112.2	020.9	020.7	000.6103	0070.6	061.5	35.4
176.0	001.2500	0111.9	020.8	020.4	000.6055	0070.1	061.4	35.3
177.0	001.2500	0111.6	020.8	020.1	000.6006	0070.1	061.2	35.3
178.0	001.2500	0111.4	020.8	019.8	000.5936	0070.1	061.1	35.3
179.0	001.2500	0111.3	020.8	019.5	000.5858	0070.0	061.0	35.3
180.0	001.2500	0111.3	020.8	019.1	000.5781	0070.0	060.9	35.3
181.0	001.2500	0111.4	020.8	018.8	000.5703	0070.0	060.8	35.3
182.0	001.2500	0111.2	020.8	018.5	000.5625	0069.9	060.7	35.2
183.0	001.2500	0110.7	020.7	018.1	000.5544	0069.9	060.6	35.2
184.0	001.2500	0110.2	020.7	017.8	000.5463	0069.9	060.6	35.1
185.0	001.2500	0109.6	020.6	017.5	000.5383	0069.8	060.5	35.1
186.0	001.2500	0108.8	020.6	017.1	000.5303	0069.8	060.5	35.0
187.0	001.2500	0108.2	020.5	016.8	000.5224	0069.8	060.5	34.9
188.0	001.2500	0107.8	020.5	016.4	000.5146	0069.4	060.5	34.8
189.0	001.2500	0107.3	020.4	016.1	000.5069	0069.4	060.5	34.8
190.0	001.2500	0107.0	020.4	015.8	000.4993	0069.4	060.5	34.7
191.0	001.2500	0107.3	020.4	015.4	000.4918	0068.8	060.4	34.6
192.0	001.2500	0108.1	020.5	015.1	000.4844	0068.8	060.3	34.6
193.0	001.2500	0109.0	020.6	014.8	000.4771	0068.8	060.2	34.6
194.0	001.2500	0109.5	020.6	014.4	000.4696	0068.5	060.2	34.5
195.0	001.2500	0109.9	020.7	014.1	000.4622	0068.5	060.1	34.4
196.0	001.2500	0110.5	020.7	013.7	000.4548	0068.5	060.1	34.4
197.0	001.2500	0111.4	020.8	013.4	000.4474	0068.8	060.0	34.3
198.0	001.2500	0112.6	020.9	013.0	000.4399	0068.8	059.9	34.3
199.0	001.2500	0114.0	021.0	012.7	000.4323	0068.8	059.9	34.2
200.0	001.2500	0115.6	021.2	012.3	000.4248	0069.3	059.8	34.2
201.0	001.2500	0116.9	021.3	012.0	000.4172	0069.3	059.7	34.2

MINOR CHANGE APPLICATION
RADIO TRAINING NETWORK, INC.
WHIJ RADIO STATION
CH 201A - 88.1 MHZ - 1.25 KW
OCALA, FLORIDA
January 2010

EXHIBIT A8

S. Brooksville - BNPED-20071022ATR
Channel = 201C1
Max ERP = 0.76 kW
RCAMSL = 95 M
N. Lat = 28 31 54
W. Lng = 82 19 37

WHIJ - Proposed
Channel = 201A
Max ERP = 1.25 kW
RCAMSL = 140.2 M
N. Lat = 291416
W. Lng = 820716

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
004.0	000.2903	0071.0	011.4	196.0	001.2500	0110.5	069.6	38.6
005.0	000.3040	0070.6	011.5	195.9	001.2500	0110.5	069.5	38.6
006.0	000.3181	0069.6	011.5	195.7	001.2500	0110.5	069.4	38.7
007.0	000.3326	0068.9	011.6	195.6	001.2500	0110.5	069.3	38.7
008.0	000.3473	0068.8	011.7	195.4	001.2500	0109.9	069.2	38.7
009.0	000.3624	0068.9	011.8	195.3	001.2500	0109.9	069.0	38.7
010.0	000.3777	0069.3	012.0	195.1	001.2500	0109.9	068.9	38.8
011.0	000.3976	0069.4	012.1	194.9	001.2500	0109.9	068.7	38.9
012.0	000.4180	0069.3	012.2	194.8	001.2500	0109.9	068.6	38.9
013.0	000.4389	0068.8	012.4	194.6	001.2500	0109.9	068.4	38.9
014.0	000.4603	0068.5	012.5	194.4	001.2500	0109.5	068.3	38.9
015.0	000.4822	0068.8	012.6	194.2	001.2500	0109.5	068.2	39.0
016.0	000.5046	0069.4	012.8	194.0	001.2500	0109.5	068.0	39.0
017.0	000.5275	0069.8	013.0	193.9	001.2500	0109.5	067.8	39.1
018.0	000.5509	0069.9	013.1	193.7	001.2500	0109.5	067.7	39.1
019.0	000.5748	0070.0	013.3	193.4	001.2500	0109.0	067.6	39.1
020.0	000.5993	0070.1	013.4	193.2	001.2500	0109.0	067.5	39.2
021.0	000.6145	0070.6	013.5	193.0	001.2500	0109.0	067.4	39.2
022.0	000.6299	0071.5	013.7	192.8	001.2500	0109.0	067.2	39.2
023.0	000.6455	0072.2	013.8	192.6	001.2500	0109.0	067.1	39.3
024.0	000.6613	0072.6	014.0	192.4	001.2500	0108.1	067.1	39.3
025.0	000.6773	0072.6	014.0	192.1	001.2500	0108.1	067.0	39.3
026.0	000.6934	0072.5	014.1	191.9	001.2500	0108.1	067.0	39.3
027.0	000.7098	0072.5	014.2	191.7	001.2500	0108.1	067.0	39.3
028.0	000.7263	0072.7	014.3	191.5	001.2500	0107.3	067.0	39.2
029.0	000.7431	0073.0	014.4	191.2	001.2500	0107.3	067.0	39.2
030.0	000.7600	0073.2	014.5	191.0	001.2500	0107.3	066.9	39.2
031.0	000.7600	0073.5	014.5	190.8	001.2500	0107.3	067.0	39.2
032.0	000.7600	0073.6	014.5	190.6	001.2500	0107.3	067.1	39.2
033.0	000.7600	0073.7	014.5	190.4	001.2500	0107.0	067.2	39.2
034.0	000.7600	0073.7	014.5	190.2	001.2500	0107.0	067.3	39.1
035.0	000.7600	0073.5	014.5	190.0	001.2500	0107.0	067.4	39.1
036.0	000.7600	0073.2	014.5	189.8	001.2500	0107.0	067.5	39.0
037.0	000.7600	0072.9	014.5	189.6	001.2500	0107.0	067.7	39.0
038.0	000.7600	0072.7	014.5	189.5	001.2500	0107.3	067.8	39.0
039.0	000.7600	0072.8	014.5	189.3	001.2500	0107.3	067.9	38.9
040.0	000.7600	0073.0	014.5	189.1	001.2500	0107.3	068.0	38.9
041.0	000.7600	0073.3	014.5	188.9	001.2500	0107.3	068.1	38.9

MINOR CHANGE APPLICATION
RADIO TRAINING NETWORK, INC.
WHIJ RADIO STATION
CH 201A - 88.1 MHZ - 1.25 KW
OCALA, FLORIDA
January 2010

EXHIBIT A9

Predicted contour:

N. Lat. = 29 14 16 - Tabulated Protected and Interfering Contour Data
W. Lng. = 82 07 16 - WHIJ Radio Station - Ocala, Florida

HAAT and Distance to Contour - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	116.0	1.2500	0.97	1.000	21.21	66.09	31.34	1.82
010	119.0	1.2500	0.97	1.000	21.45	66.61	31.74	1.83
020	121.2	1.2500	0.97	1.000	21.62	66.97	32.03	1.84
030	121.9	1.2500	0.97	1.000	21.68	67.10	32.13	1.84
040	120.5	1.2500	0.97	1.000	21.57	66.86	31.94	1.84
050	121.5	1.2500	0.97	1.000	21.65	67.03	32.07	1.84
060	122.3	1.2500	0.97	1.000	21.71	67.17	32.18	1.84
070	122.2	1.2500	0.97	1.000	21.70	67.14	32.16	1.84
080	123.0	1.2500	0.97	1.000	21.76	67.28	32.27	1.84
090	124.6	1.2500	0.97	1.000	21.89	67.56	32.48	1.85
100	125.2	1.2500	0.97	1.000	21.93	67.64	32.54	1.85
110	126.3	1.2500	0.97	1.000	22.01	67.83	32.69	1.85
120	125.4	1.2500	0.97	1.000	21.95	67.69	32.58	1.85
130	123.3	1.2500	0.97	1.000	21.79	67.33	32.31	1.84
140	118.7	1.2500	0.97	1.000	21.43	66.56	31.71	1.83
150	118.3	1.2500	0.97	1.000	21.40	66.49	31.65	1.83
160	116.9	1.2500	0.97	1.000	21.28	66.25	31.46	1.82
170	112.0	1.2500	0.97	1.000	20.86	65.38	30.78	1.80
180	111.3	1.2500	0.97	1.000	20.80	65.25	30.67	1.80
190	107.0	1.2500	0.97	1.000	20.39	64.44	30.03	1.78
200	115.6	1.2500	0.97	1.000	21.17	66.01	31.27	1.82
210	120.1	1.2500	0.97	1.000	21.54	66.79	31.89	1.83
220	120.1	1.2500	0.97	1.000	21.54	66.79	31.89	1.83
230	120.4	1.2500	0.97	1.000	21.56	66.84	31.93	1.84
240	119.6	1.2500	0.97	1.000	21.50	66.70	31.82	1.83
250	119.1	1.2500	0.97	1.000	21.46	66.62	31.76	1.83
260	118.1	1.2500	0.97	1.000	21.38	66.45	31.63	1.83
270	113.3	1.2500	0.97	1.000	20.97	65.61	30.95	1.81
280	119.0	1.2500	0.97	1.000	21.45	66.60	31.74	1.83
290	118.8	1.2500	0.97	1.000	21.43	66.56	31.71	1.83
300	110.1	1.2500	0.97	1.000	20.68	65.02	30.49	1.79
310	108.4	1.2500	0.97	1.000	20.53	64.72	30.25	1.79
320	111.1	1.2500	0.97	1.000	20.77	65.21	30.64	1.80
330	113.2	1.2500	0.97	1.000	20.96	65.58	30.94	1.81
340	114.4	1.2500	0.97	1.000	21.07	65.81	31.11	1.81
350	117.3	1.2500	0.97	1.000	21.31	66.30	31.51	1.82

AMSL= 140.2 M